

**NOTICE OF INTENT TO ADOPT A PROPOSED  
AMENDMENT TO THE GEORGIA STATE BOARD OF REGISTRATION  
FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS  
RULE 180-7-.07, "Maps and Plats. Amended"  
AND NOTICE OF PUBLIC HEARING**

**TO ALL INTERESTED PARTIES:**

Notice is hereby given that pursuant to the authority set forth below, the Georgia State Board of Registration for Professional Engineers and Land Surveyors (hereinafter "Board") proposes an amendment to the Georgia State Board of Registration for Professional Engineers and Land Surveyors Rules, RULE 180-7-.07, "Maps and Plats. Amended," (herein after "proposed rule amendment"). The Board voted to post this notice of adoption at a meeting on April 10, 2007. The proposed rule amendment creates a rule that defines and updates the Minimum Technical Standards for Property Surveys. This notice, together with an exact copy of the proposed rule amendment and a synopsis of the proposed rule amendment, is being mailed to all persons who have requested, in writing, that they be placed on a mailing list. A copy of this notice, an exact copy of the proposed rule amendment, and a synopsis of the proposed rule amendment may be reviewed during normal business hours of 8:00 A.M. to 5:00 P.M., Monday through Friday, except official State holidays, at the Office of the Secretary of State, Professional Licensing Boards Division, 237 Coliseum Drive, Macon, Georgia 31217. Copies may also be requested by contacting the Board office at (478) 207-2440.

A public hearing will be held at 9:30 a.m. February 12, 2008 at the Secretary of State's Professional Licensing Boards Division, 237 Coliseum Drive in Macon, Georgia 31217 to provide the public an opportunity to comment upon and provide input into the proposed rule amendment.

At the public hearing anyone may present data, make a statement, comment or offer a viewpoint or argument whether orally or in writing. Lengthy statements or statements of a considerable technical or economic nature, as well as previously recorded messages, must be submitted for official record. Oral statements should be presented in writing. Written comments are welcome. Such written comments must be legible and signed, should contain contact information from the maker (address, telephone number and/or facsimile number, etc.) and be actually received in the office prior to the close of business (5:00 P.M.) on January 25, 2007. Written comments should be addressed to Randall D. Vaughn, Division Director, Secretary of State, Professional Licensing Boards Division, Georgia State Board of Registration for Professional Engineers and Land Surveyors, 237 Coliseum Drive, Macon, Georgia 31217. Telephone (478) 207-2440 or fax (478) 207-1456.

The Board will consider the proposed rule amendment for adoption at a meeting scheduled to begin at 9:35 a.m. on February 12, 2008 at the Secretary of State's

Professional Licensing Boards Division, 237 Coliseum Drive in Macon, Georgia 31217. According to the Department of Law, State of Georgia, the Georgia State Board of Registration for Professional Engineers and Land Surveyors has the authority to adopt a proposed rule amendment to Rule 180-7-.07 pursuant to authority contained in O.C.G.A. §§ 43-15-1, 43-15-2(6), 43-15-4(a), 43-15-6(a) , 43-15-19, and 43-15-22.

At its meeting on April 10, 2007 the Georgia State Board of Registration for Professional Engineers and land Surveyors voted that the formulation and adoption of this rule does not impose excessive regulatory cost on any licensee and any cost to comply with the proposed rule cannot be reduced by a less expensive alternative that fully accomplishes the objectives of O.C.G.A. §§ 43-15-1, 43-15-2(6), 43-15-4(a), 43-15-6(a) , 43-15-19, and 43-15-22.

Additionally, at the meeting, the Board voted that it was legal and feasible to meet the objectives of O.C.G.A. §§ 43-15-1, 43-15-2(6), 43-15-4(a), 43-15-6(a) , 43-15-19, and 43-15-22, to adopt or implement differing actions for businesses as listed in O.C.G.A. § 50-13-4(a)(3)(A), (B), (C) and (D). The formulation and adoption of these rules will impact every licensee in the same manner and each licensee is independently licensed in the fields of engineering and land surveying.

For further information, contact the Board office at (478) 207-2440.

This notice is given in compliance with O.C.G.A. § 50-13-4.

This the 26<sup>th</sup> day of December, 2007.

---

Randall D. Vaughn  
Division Director  
Professional Licensing Boards Division

Posted: December 26, 2007

**SYNOPSIS OF PROPOSED REVISIONS TO THE  
GEORGIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL  
ENGINEERS AND LAND SURVEYORS  
RULES  
RULE 180-7-.07, "Maps and Plats."**

**PURPOSE:** The purpose of this amendment is to create a rule that defines and updates the Minimum Technical Standards for Property Surveys.

**MAIN FEATURES:** Strikes previous language to add new language to establish the minimum degrees of accuracy, completeness and/or quality in the several areas of concern in order to be considered acceptable for Maps and Plats.

**DIFFERENCES BETWEEN THE EXISTING RULE AND THE  
PROPOSED AMENDMENTS TO THE GEORGIA STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND  
SURVEYORS  
RULE 180-7-.07, "Maps and Plats."**

**NOTE:** Struck through text is proposed to be deleted. Underlined text is proposed to be added.

**180-7-.07 Maps and Plats:**

~~(4)~~ All maps, plats and similar documents shall conform to the following minimum standards and specifications:

(a) Material.

1. Any such surveys, maps, or plats shall be clearly legible.
2. The minimum line widths and letters or character heights delineated on such maps or plats shall be as follows:
  - (i) Maps or plats drawn on 8 1/2 inch by 11 inch or 8 1/2 inch by 14 inch tracings shall have a minimum line width of 0.010 inches and a minimum letter or character height of 0.080 inches;
  - (ii) Maps or plats drawn on 11 inch by 17 inch tracings shall have a minimum line width of 0.010 inches and a minimum letter or character height of 0.080 inches;or
  - (iii) Maps or plats drawn on 17 inch by 22 inch or 24 inch by 36 inch tracings shall have a minimum line width of 0.013 inches and a minimum letter or character height of 0.080 inches.

(b) Caption. The maps or plats shall have a title or name, which shall be contained in the caption, and the caption shall also provide the following information:

1. The name of the current owner of the property or the entity who authorized the survey;
2. The county, city, town or village, land district and land lot, and subdivision, if the property line lies within a particular subdivision;
3. The date of plat preparation;

4. The date(s) of field survey;
5. The scale, stated and shown graphically;
6. The name, address, telephone number, and registration number of the registered land surveyor or the statement that he is the county surveyor and is not required by law to be a registered surveyor; and
7. All reproductions of original maps or plats shall bear the original signature, in black ink, of the registrant placed across the registration seal, in order to be a valid or recordable map or plat.

(c) Size. Maps and plats shall not be less than 8 1/2 inches by 11 inches and not larger than can be recorded in the county of record without folding. In counties using microfilming procedures, when a map or plat is filed for record, the original drawing, which shall not be larger than 24 inches by 36 inches, shall be submitted to the clerk for microfilming and a legible copy, which shall not be larger than 17 inches by 22 inches, shall be filed for record; provided, however, that a full-size positive copy of the original may be tendered and used for microfilming. The clerk shall enter the filing date, plat book number, and page number on the original drawing and return the original drawing to the land surveyor or the person filing the same for record.

(d) Data. All maps or plats shall be made in a professional manner and in accordance with the standards of good drafting procedures and shall show the following information; as specified:

1. The direction and distance from a point of reference to a point on the boundary of the individual survey, and such additional data as may be required to relocate the boundary point from the point of reference with the same degree of accuracy required of the parcel surveyed. The point of reference shall be established, monumented position which can be identified or relocated from maps, plats or other documents on public record;
2. Bearings of all lines or angles at all corners and angle points of the boundary or lot lines, and distances of all boundary or lot lines, and area of the parcels expressed in acres or square feet;
3. The closure precision of the field survey as the ratio of one foot to the traversed distance in which an error of one foot would occur and a statement as to the method of adjustment. The closure may be stated as follows:  
"The field data upon which this map or plat is based has a closure precision of one foot in \_\_\_\_\_ feet, and an angular error of \_\_\_\_\_ per angle point, and was adjusted using rule";
4. The closure precision of the data shown on the map or plat. The closure may be stated as follows: "This map or plat has been calculated for closure and is found to be accurate within one foot in \_\_\_\_\_ feet ";
5. The width and the former widths, if pertinent, of all rights-of way adjacent to or crossing the property or adjacent to any point of reference;
6. All easements and apparent encroachments, if pertinent;
7. In the case of curved lines, the curve shall be defined by curve data to include the radius, arc length, chord bearing, and distance of regular curves. Chord distances and directions shall be given for irregular curves;

8. All land lot lines, land district lines, land section lines, and city, county, and state boundaries intersecting or adjacent to the surveyed property indicated by lines drawn upon the map or plat with appropriate words and figures;
  9. All corner markers and markers of pertinent reference points fully described and indicated as to the material or types, whether set or found;
  10. An arrow to indicate the principal meridian and a notation as to the reference of bearings to magnetic north, astronomic north, or grid north. A grid north reference shall indicate the zone;
  11. All linear distances shown on maps or plats shall be horizontal;
  12. All angular directions shall be represented in degrees and minutes. Where plats state or surveys require accuracy in excess of 1 in 5000, the angular directions shall be represented in degrees, minutes, and seconds. All angular directions shall be referenced to the principal meridian;
  13. A statement to indicate the type of equipment used to obtain the linear and angular measurements used in the preparation of the map or plat;
  14. ~~The state plane coordinates of at least two permanent monuments thereon, when a National Geodetic Survey monument is within 500 feet of any point on the property mapped or platted, or any point of reference shown thereon; The names of adjacent property owners on all lines, as can be determined at the time of commencement of the survey through public records such as the county tax assessor and/or clerk of court records. ( A title search is not required for this.)~~
  15. All water boundaries shown in sufficient detail to clearly identify the survey tract and the adjoining tract;
  16. The character of any and all evidence of possession clearly stated, and the location of such evidence carefully given in relation to the surveyed boundary lines, including all apparent easements and right-of-way; and
  17. Any features within or along the boundary located as requested by the client, or in conformity with the rules or requirements of any mortgagor or insurer, provided the technical standards of such rules or requirements are not less than those provided for by this chapter.
- (2) ~~If the plat meets the requirements of Rule 180-7.07, it shall be the duty of the clerk of the superior court to file and record such map or plat or blueprint, tracing, photostatic copy, or other copy of a map or plat.~~

O.C.G.A. §§ 43-15-1, 43-15-2(6), 43-15-4(a), 43-15-6(a) , 43-15-19, and 43-15-22.